

Programs	Institute
M.Sc. Cardiac Catheterization & Intervention Technology M.Sc. Echocardiography	Manipal College of Health Professions (MCHP), Manipal

Department Test (DT) 2022 Details

- Test Duration: 60 minutes
- Total Questions: 60 MCQs
 - ECG / TMT (10 Qs), Echocardiography (15 Qs), Cardiac Catheterization (15 Qs), Valvular Heart Disease (10 Qs), Congenital Heart Disease (5 Qs) and Pericardial & Aortic Disease (5 Qs)
- Max Marks: 240
- Marking Scheme: + 4 for every correct answer, - 1 for every wrong answer, 0 for every unattempted question
- Schedule & Mode: Refer www.manipal.edu/dt for updates

ECG / TMT

Basic Electrophysiology, Abnormalities of ECG Waves, Myocardial infarction, Bundle branch blocks atrial & ventricular enlargement, AV blocks, Narrow complex tachycardia, Broad complex tachycardia-atrial fibrillation, atrial flutter, AVRT, AVNRT, WPW Syndrome, Ventricular Tachycardia

ECHOCARDIOGRAPHY

Ultrasound principles, Echocardiographic evaluation of cardia chambers, Echocardiography in Valvular heart disease, Ischemic heart disease, Congenital heart disease, Pericardial diseases and Aortic diseases, Dobutamine stress echocardiography, Contrast echocardiography, Cardiomyopathies

CARDIA CATHETERIZATION

Basic principles, Hard Waves used in cardia catheterization laboratory, Cardia cath & intervention in valvular heart disease, ischemic heart disease, congenital heart disease, pericardial diseases and aortic diseases, Cardia pacemakers & defibrillators

VALVULAR HEART DISEASE

Mitral regurgitation, Mitral Stenosis, Aortic regurgitation, Aortic stenosis, Tricuspid regurgitation, Tricuspid stenosis, Pulmonary regurgitation, Pulmonary stenosis, Rheumatic fever and Rheumatic heart disease, Infective endocarditis, Prosthetic heart valves

CONGENITAL HEART DISEASE

Acyanotic congenital heart disease: ASD, VSD, PDA, PAPVC, CoA, cCTGA, Cyanotic congenital heart disease, TOF, TAPVC, TGA, Truncus arteriosus, Tricuspid atresia, Single ventricular physiology

PERICARDIAL & AORTIC DISEASES

Constrictive pericarditis, Pericardial tamponade, absent pericardium, Aortic aneurysm, Aortic dissection, Cardiac masses

♣ Best of Luck ♣

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